INPUT SET: S35309.raw

> **This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

```
                              SEQUENCE LISTING
 1
 2
 3  (1)     General Information:
 4
 5      (i) APPLICANT: Beach, David H.
 6                     Demetrick, Douglas J.
 7                     Serrano, Manuel
 8                     Hannon, Gregory J.
 9
10      (ii) TITLE OF INVENTION: Antibodies to Cell-Cycle Regulatory Proteins, and Uses
11              Related Thereto
12
-->     (iii) NUMBER OF SEQUENCES: 34    33 shown (see next page)
14
15  (iv) CORRESPONDENCE ADDRESS:
16              (A) ADDRESSEE: Foley, Hoag & Eliot
17              (B) STREET: One Post Office Square
18              (C) CITY: Boston
19              (D) STATE: MA
20              (E) COUNTRY: USA
21              (F) ZIP: 02109
22
23      (v) COMPUTER READABLE FORM:
24              (A) MEDIUM TYPE: Floppy disk
25              (B) COMPUTER: IBM PC compatible
26              (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27              (D) SOFTWARE: WordPad
28
29      (vi) CURRENT APPLICATION DATA:
30              (A) APPLICATION NUMBER: US 09/016,869
31              (B) FILING DATE: 30-JAN-1998
32
33
34      (vii) PRIOR APPLICATION DATA:
35              (A) APPLICATION NUMBER: US 08/893,274
36              (B) FILING DATE: 15-JUL-1994
37
38      (vii) PRIOR APPLICATION DATA:
39              (A) APPLICATION NUMBER: US 08/306,511
40              (B) FILING DATE: 14-SEP-1994
41
42      (vii) PRIOR APPLICATION DATA:
43              (A) APPLICATION NUMBER: US 08/248,812
44              (B) FILING DATE: 25-MAY-1994
45
```

Does Not Comply — Corrected Diskette Needed

1644

```
46      (vii)  PRIOR APPLICATION DATA:
47               (A)  APPLICATION NUMBER: US 08/227,371
48               (B)  FILING DATE: 14-APR-1994
49
50      (vii)  PRIOR APPLICATION DATA:
51               (A)  APPLICATION NUMBER: US 08/154,915
52               (B)  FILING DATE: 18-NOV-1993
53
54      (vii)  PRIOR APPLICATION DATA:
55               (A)  APPLICATION NUMBER: US 07/991,997
56               (B)  FILING DATE: 17-DEC-1992
57
58     (viii)  ATTORNEY/AGENT INFORMATION:
59               (A)  NAME: Vincent, Matthew P.
60               (B)  REGISTRATION NUMBER: 36,709
61               (C)  REFERENCE/DOCKET NUMBER: MIV-071.10
62
63       (ix)  TELECOMMUNICATION INFORMATION:
64               (A)  TELEPHONE: (617) 832-1299
65               (B)  TELEFAX: (617) 832-7000
66
67
```

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APR 24 2000

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ERRORED SEQUENCES FOLLOW:

```
1071    (2)  INFORMATION FOR SEQ ID NO:28:
1072
1073          (i)  SEQUENCE CHARACTERISTICS:
1074               (A)  LENGTH: 434 base pairs
1075               (B)  TYPE: nucleic acid
1076               (C)  STRANDEDNESS: single
1077               (D)  TOPOLOGY: linear
1078
1079         (ii)  MOLECULE TYPE: cDNA
1080
1081
1082
1083         (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:29:
1084
1085    CCCCATCGCG CCTTGGGANT GTGAGCNACC ATTGAGACTC ATNAATATAG CACTCGTTTT      60
1086
1087    TCTTCTTGCA ACCCTGCCCN CCGCGCGGTC GCGCTNTCTC TGCCCTCCGC NGGGTGGACC     120
1088
1089    TGGAGCGAGC GCTTGAGCGG TCGGTCGGCG CNCCTGGANC AGCCAGGCGG GCAGTGGACT     180
1090
1091    ACCTNCTGGA CCAGGGACCT GTGGGAGAGC GGTGNCGGCG GGTACATGCA CGTGAAGCCA     240
1092
1093    TTGCGAGAAC TTTATCCATA AGTATTTCAA TGCCGGTAGG DACGGCAAGA GAGGAGGGCG     300
1094
1095    GGATGTNCCA CACATCTTTG ACCTCAGGTT TCTAACGCCT GTTTTCTTTC TGCCCTCTGC     360
```

[handwritten annotations: "Is this supposed to be 28? If so, Sequence 29 is missing. If not, part of Sequence 28 and Sequence 2 missing."]

[handwritten: "(see next page)"]

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/016,869*

INPUT SET: S35309.raw

```
1096
1097    AGACATCCCC GATTGAAAGA ACCAGAGAGG CTCTGAGAAA CCTCCGGAAA CTTAGNTCAT        420
1098
1099    CANTCGCCGN AAAA                                                          434
1100
1101
```

```
-->  1102    (2) INFORMATION FOR SEQ ID NO:30:
     1103
     1104        (i) SEQUENCE CHARACTERISTICS:
     1105            (A) LENGTH: 502 base pairs
     1106            (B) TYPE: nucleic acid
     1107            (C) STRANDEDNESS: single
     1108            (D) TOPOLOGY: linear
     1109
     1110        (ii) MOLECULE TYPE: cDNA
     1111
     1112
     1113
     1114        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:
     1115
     1116    AGAAATTAGA TCATCAGTCA CCGATCCTCC TACAGGGNCA CAACTGNCCC CGCCACAACC        60
     1117
     1118    CACCCCGNTT TCGTAGTTTT CATTTAGAAA ATAGAGCTTT TAAAAATGTC CTGCCTTTTA       120
     1119
     1120    ACGTAGATAT ATGCCTTCCC CCACTACCGN AAATGTCCAT TTATATCATN TTTTATATAT       180
     1121
     1122    TCTTATAAAA ATGTAAAAAA GAAAAACACC GCTTCTGCCT TTTCACTGTG TTGGAGTTTT       240
     1123
     1124    CTGGAGTGAG CACTCACGCC CTAAGCGCAC ATTCATGTGG GCATTTCTTG CGAGCCTCGC       300
     1125
     1126    AGNCTCCGGA AGCTGTCGAC CTCGAGGGGG GGNCCGGTAC CCAATTCGCC CTATAGTGAG       360
     1127
     1128    TCGTATTACA ATTCACTGGN CGNCGNTTTT ACAACGTCGG TGGACTGGGA AAACCCCGGN       420
     1129
     1130    GTTACCCAAC TTTAATCGNC TTGGAGGACA TCCCCCTTTT CGCCAGNTGG GGTTATAGNG       480
     1131
     1132    AAGAGGGCCN CACCNNTCGC CC                                                502
     1133
     1134
```

This sequence directly follows above-mentioned sequence.

```
1236    (2) INFORMATION FOR SEQ ID NO:34:
1237
1238        (i) SEQUENCE CHARACTERISTICS:
1239            (A) LENGTH: 88 amino acids
1240            (B) TYPE: amino acid
1241            (C) STRANDEDNESS:
1242            (D) TOPOLOGY: linear
1243
1244        (ii) MOLECULE TYPE: peptide
1245
1246
1247        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:
```

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/016,869*

INPUT SET: S35309.raw

```
1248
1249
1250
1251    Ile Gln Val Met Met Met Gly Ser Ala Arg Val Ala Glu Leu Leu Leu Leu
1252     1               5                   10                  15
1253
1254    His Gly Ala Glu Pro Asn Cys Ala Asp Pro Ala Thr Leu Thr Arg Pro Val
1255             20                  25                  30
1256
1257    His Asp Ala Ala Arg Glu Gly Phe Leu Asp Thr Leu Val Val Leu His Arg
1258    35                  40                  45                  50
1259
1260    Ala Gly Ala Arg Leu Asp Val Arg Asp Ala Trp Gly Arg Leu Pro Val Asp
1261             55                  60                  65
1262
1263    Leu Ala Glu Glu Arg Gly His Arg Asp Val Ala Gly Tyr Leu Arg Thr Ala
1264         70                  75                  80                  85
1265
1266    Ala Gly Asp
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/016,869*

INPUT SET: S35309.raw

Line	Error	Original Text
13	Number of Sequences (34) Doesn't Equal Actual Count (33)	(iii) NUMBER OF SEQUENCES: 34
1083	Wrong Sequence Number	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:
1102	Sequence 29 missing	(2) INFORMATION FOR SEQ ID NO:30: